

RE01
Maryland School for the Deaf

Capital Budget Summary

**Summary of State-owned Projects Funded in Governor's Request
(\$ in Millions)**

<i>Project Title</i>	<i>Prior Approp.</i>	<i>FY 2014 Request</i>	<i>Future Estimated</i>	<i>Estimated Total</i>	<i>DLS FY 2014 Recommd.</i>
New Fire Alarm and Emergency Notification System – Frederick Campus	\$0.332	\$0.850	\$1.700	\$2.882	\$0.850
Total	\$0.332	\$0.850	\$1.700	\$2.882	\$0.850

<i>Fund Source</i>	<i>Prior Approp.</i>	<i>FY 2014 Request</i>	<i>Future Estimated</i>	<i>Estimated Total</i>	<i>DLS FY 2014 Recommd.</i>
GO Bonds	\$0.332	\$0.850	\$1.700	\$2.882	\$0.850
Total	\$0.332	\$0.850	\$1.700	\$2.882	\$0.850

Summary of Recommended Bond Actions

1. New Fire Alarm and Emergency Notification System – Frederick Campus

Approve the \$850,000 general obligation bond authorization to support initial construction of the New Fire Alarm and Emergency Notification System – Frederick Campus project.

2. Maryland School for the Deaf New Cafeteria

Approve the \$200,000 de-authorization of general obligation bond funds for the New Cafeteria – Frederick Campus project.

3. Maryland School for the Deaf Main Building Parking Lot and Athletic Field

Approve the \$275,000 de-authorization of general obligation bond funds for the Main Building Parking Lot and Athletic Field – Columbia Campus project.

4. Section 12 Maryland School for the Deaf New Fire Alarm

Approve the pre-authorization of \$1,700,000 in general obligation bond funds to complete construction and upgrade the New Fire Alarm and Emergency Notification System – Frederick Campus project.

Capital Improvement Program

State-owned Capital Improvement Program (\$ in Millions)

<i>Projects</i>	<i>Prior Auth.</i>	<i>2014 Request</i>	<i>2015 Est.</i>	<i>2016 Est.</i>	<i>2017 Est.</i>	<i>2018 Est.</i>	<i>Beyond CIP</i>
New Fire Alarm and Emergency Notification System – Frederick Campus	\$0.332	\$0.850	\$1.700	\$0.000	\$0.000	\$0.000	\$0.000
Water Main Replacement Project – Frederick Campus	\$0.000	\$0.000	\$0.000	\$0.150	\$2.050	\$0.000	\$0.000
Total	\$0.332	\$0.850	\$1.700	\$0.150	\$2.050	\$0.000	\$0.000

<i>Fund Source</i>	<i>Prior Auth.</i>	<i>2014 Request</i>	<i>2015 Est.</i>	<i>2016 Est.</i>	<i>2017 Est.</i>	<i>2018 Est.</i>	<i>Beyond CIP</i>
GO Bonds	\$0.332	\$0.850	\$1.700	\$0.150	\$2.050	\$0.000	\$0.000
Total	\$0.332	\$0.850	\$1.700	\$0.150	\$2.050	\$0.000	\$0.000

Budget Overview

New Fire Alarm and Emergency Notification System – Frederick Campus

The project will update and replace the existing fire alarm system in 10 buildings on the Frederick campus of the Maryland School for the Deaf (MSD) and will institute a mass notification system among these buildings and 3 others. The 10 buildings to receive full updates were constructed between 1953 and 1984 and have not had any significant updates to the original fire alarm systems. The project will bring the fire alarm systems up to code and will install strobe light alarm systems that will alert students and staff to emergency events. The strobe lights will be color coded to indicate the nature of the emergency.

Existing alarm systems rely on aural cues, which is inappropriate as all students and many staff have hearing impairments. As the systems age, it becomes more difficult to find replacement parts, and the parts are expensive. During emergencies or lockdown drills, school officials must contact each building separately because there is no central communication system. Furthermore, modern building codes require that fire alarms be monitored offsite. Only the school's newer buildings have offsite monitoring, and these are not linked in a single monitoring system. This project will allow the school to centralize control of the alarm system and maintain one monitoring contract.

Several residence hall buildings that will receive the new alarm system will eventually be demolished as part of the school's overall capital plan. However, the new alarm system has life-safety implications, so all buildings should be upgraded with the new system. Furthermore, the new residence halls will not be constructed for at least five years because the projects are not currently in the State's five-year *Capital Improvement Program* (CIP).

Funds were provided in fiscal 2012 to support project design. However, due to delays, project design is not expected to begin until April 2013 and is expected to be completed in February 2014. Delays are attributable to difficulty drafting a scope of work that would permit an engineering firm to accurately quote the project, delayed Part II Program Plan approval, and difficulties in procurement due to a lack of firms on the Invitation to Qualify list categorized as having capabilities specific to fire alarm systems.

As a result of project delays, funding for this project is proposed to be spread over two fiscal years, though the 2012 CIP programmed all construction expenditures in fiscal 2014. Project construction is not expected to begin until April 2014 and will conclude in April 2015. To align with the schedule change, the fiscal 2014 request includes \$850,000 in general obligation bond funds to support construction and a pre-authorization of \$1.7 million in fiscal 2015 to complete construction.

Summary of Other Projects in the Capital Improvement Program

Water Main Replacement Project – Frederick Campus

Funds were added to the five-year CIP to support a Water Main Replacement Project on the Frederick campus, beginning in fiscal 2016. The project will replace the existing water supply system, including the water main supply line, valves, and fire hydrants on the main campus, the Veditz building, and the Benson Gymnasium. The current water main supply line is deteriorating and has experienced breaks which lower water pressure and result in costly repairs. In addition, the current water main does not meet fire code because it does not provide adequate water pressure for fire sprinkler systems, as required in residence halls. The project will construct a replacement system that will have sufficient water pressure to meet fire codes and future demand.

Pre-authorizations and De-authorizations

Exhibit 1 Pre-authorizations and De-authorizations

Pre-authorizations				
Project	FY 15	FY 16	FY 17	Reason
New Fire Alarm and Emergency Notification System – Frederick Campus	\$1,700,000			Due to project delays, construction will not start until the second half of fiscal 2014 and will continue into fiscal 2015.

De-authorizations		
Project	De-authorized Amount	Reason
New Cafeteria – Frederick Campus	\$200,000	Funds unexpended following project completion.
Main Building Parking Lot and Athletic Field – Columbia Campus	\$275,000	Funds unexpended following project completion.

Source: Department of Budget and Management, Fiscal 2014 *Capital Improvement Program*

GO Bond Recommended Actions

1. Approve the \$850,000 general obligation bond authorization to support initial construction of the New Fire Alarm and Emergency Notification System – Frederick Campus project.
2. Approve the \$200,000 de-authorization of general obligation bond funds for the new Cafeteria – Frederick Campus project.
3. Approve the \$275,000 de-authorization of general obligation bond funds for the Main Building Parking Lot and Athletic Field – Columbia Campus project.
4. Approve the pre-authorization of \$1,700,000 in general obligation bond funds to complete construction and upgrade the new Fire Alarm and Emergency Notification System – Frederick Campus project.